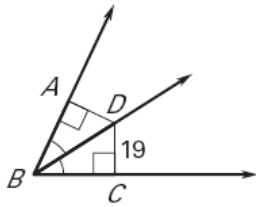


TARGET 5C

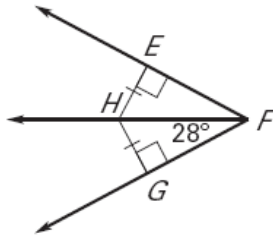
Name _____ Date _____

Use the information in the diagram to find the measure.

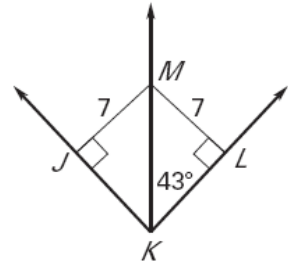
1. Find AD



2. Find $m\angle EFH$

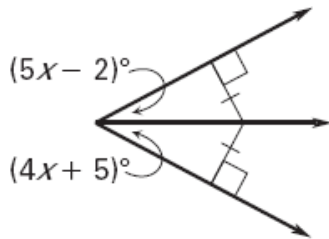


3. Find $m\angle JKL$

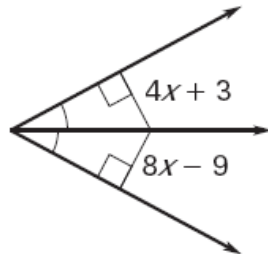


Find the value of x .

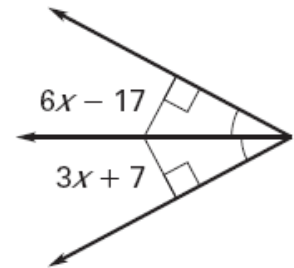
4.



5.

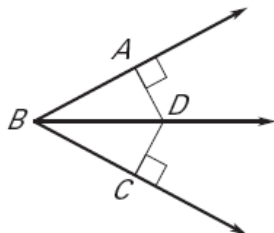


6.

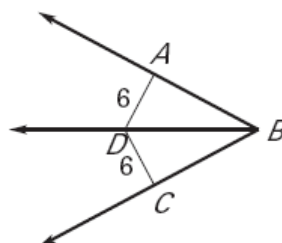


Can you conclude that \overrightarrow{BD} bisects $\angle ABC$? Explain.

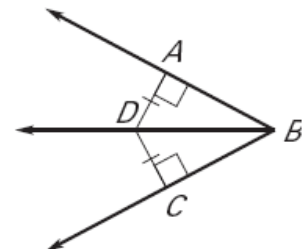
7.



8.



9.



TARGET 5C ANSWERS

1. 19
2. 28
3. 86
4. 7
5. 3
6. 8
7. No, you don't know if AD is congruent to DC
8. No, you don't know if AD is perpendicular to AB and if DC is perpendicular to BC
9. Yes, AD and DC are congruent and perpendicular to the sides of the angle